**Title of the extended abstract. The extended abstract has a maximum limit of 2 pages**

Author Name Surname 1, \*, Presenting Author Name Surname 2, Author Name Surname 3

1 – University of Coimbra, FCTUC, Department of Mechanical Engineering, Coimbra, Portugal

2 – Polytechnic University of Lisbon, ISEL, Department of Mechanical Engineering, Lisbon, Portugal

3 – Polytechnic University of Leiria, ESAD.CR, Caldas da Rainha, Portugal

\* Corresponding Author: author.name@email.pt

**Abstract**

Short abstract with a maximum of 100 words. The authors shall present a brief work contextualisation, the main work objectives, the work results and the work conclusions.

**Keywords:** Keyword 1; Keyword 2; Keyword 3; Keyword 4; Keyword 5

**1. Introduction**

Work introduction. The work contextualisation, the state-of-the-art of the research topic and the main work objectives shall be presented. The authors shall include a maximum of 5 bibliographic references, following the IEEE style. References can be used in the section below (Methods, Results and Conclusions), but a maximum of 5 references all along the extended abstract must be respected.

**2. Methods, Results and Conclusions**

The experimental procedure of the work shall be briefly described. The main results and conclusions, which allow to highlight the pertinence and the innovative nature of the work findings, shall be presented in this section. A maximum of 3 graphical elements (figures, tables, etc.) can be included in this section, as illustrated in Figure 1 and Table 1. Equations can also be used, like Equation (1). Please, do not divide this section in different subsections (for example: 2.1. Methods; 2.2. Results; 2.3. Conclusions).

|  |
| --- |
| Please insert the figure into the box and delete the box contour. |
|  |
|  |

Figure 1 – Figure 1’s caption.

Table 1 – Table 1’s title.

|  |  |  |  |
| --- | --- | --- | --- |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

*F = m.a*  (1)

**References**

[https://ieee-dataport.org/sites/default/files/analysis/27/IEEE Citation Guidelines.pdf](https://ieee-dataport.org/sites/default/files/analysis/27/IEEE%20Citation%20Guidelines.pdf)